



Professional Recognition







Stormwater Management?

How long will it be before, "A Tree is a BMP"?


An inventory of trees may someday benefit your city's MS4 permitting.










Assessment Options:  
Canopy Analysis







- Satellite imagery + GIS Analysis
- Compare with other cities and set canopy cover goals
- "Picture worth 1000 words"
- Monitor tree canopy coverage over time
- Prioritize planting in low canopy areas




Assessment Options:  
Forest Stand Inventory

- Method borrowed from traditional forestry
- Commonly used for forested lands and natural areas
- Analyses based on data from sample plots
- Data describe "forest structure"








Assessment Options:  
Park or Street Tree Inventory



- Method collects data specific to individual trees
- Data often include maintenance needs
- The most common form of inventory in urban areas
- Results can inform daily management



An inventory can help you with:



- Hazard Mitigation
- Establishing Maintenance Regimes
- Developing Planting Plans
- Creating Work Orders
- Planning and Development Projects
- Evaluating Cost-effectiveness
- Tracking Service Requests
- Accomplishment Reporting
- Telling a compelling story about trees and your community



ISA Best Management Practices

- Goal-setting
- Required resources
- Inventory types
- Determining data to collect
- Using industry-accepted terms
- Maintaining data quality & integrity







DATA COLLECTION

- Tree ID
- Latin Name
- Common Name
- Diameter
- Location (GPS coordinates)
- Condition
- Comments
- Required Maintenance
- Vacant Planting Sites

- Cultivar
- Photo(s)
- Date of Last Inspection
- Work History
- Existing Conflicts
- Defects & Past Failures
- Pest/Disease Problems
- Appraised Value






DNR Tree Inventory Grants

- Tree Inventory Grants are provided to:
  - Local governments
  - 501(c)3 Non-profits
  - Tribes
  - Educational Institutions
- No cash match required; no money changes hands
- MOU Required
- DNR hires an inventory contractor
- 2500 Trees max per inventory



DNR Tree Inventory Grants

- The City Provides:
  - Aerial imagery
  - GIS data
  - Commitment to use data
  - Follow-up reporting
- The City receives:
  - a summary report
  - data in 3 electronic formats
- The city DOES NOT receive software



Origins of DNR Inventory Grants

Evergreen Communities Act of 2008

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Technical Advisory Committee

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Tree Inventory Data Standards

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ECA Defunded in 2009




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DNR U&CF Program begins funding inventories in 2011



Inventory Data Standards





Products for Grantees

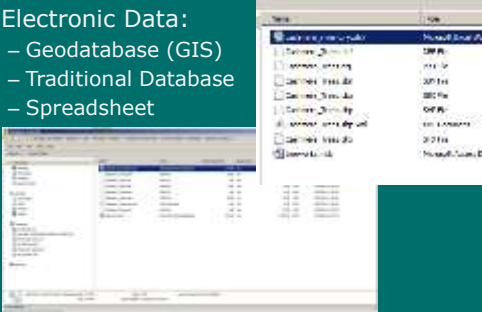
- Summary report








Products for Grantees

- Electronic Data:
  - Geodatabase (GIS)
  - Traditional Database
  - Spreadsheet





Properly managed trees add value to your community









The best time to plant a tree was 20 years ago...

The second best time is now

~ Chinese Proverb



DO NOT TOP TREES!!!



Topping hurts trees.



**Hire an ISA Certified Arborist**



**DNR Urban & Community Forestry Program**

- Non-regulatory
- Primarily funded with pass-through dollars from USFS
- Support the Washington Community Forestry Council
- Provide assistance and support to:
  - Educational institutions
  - Tribes
  - 501(c)3 non-profits
  - local governments



**Stay Connected**

**Tree Link Newsletter**  
[dnrtreelink.wordpress.com](http://dnrtreelink.wordpress.com)

**Tree Link Hotline and U&CF Email address**  
1-800-243-TREE (8733)  
[urban\\_forestry@dnr.wa.gov](mailto:urban_forestry@dnr.wa.gov)

**DNR Urban & Community Forestry webpage**  
[www.dnr.wa.gov/urbanforestry](http://www.dnr.wa.gov/urbanforestry)

